

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

Morgan GROVER

Serial No: **09/990,317**

Group Art Unit: **2644**

Filed : **November 23, 2001**

Examiner:

For : **NOISE FILTERING UTILIZING
NON-GAUSSIAN SIGNAL STATISTICS**

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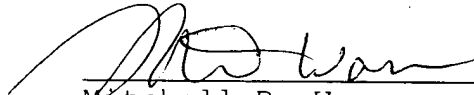
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT Technology Center 2600

Commissioner of Patents and Trademarks
Washington, DC 20231

Sir:

Attorney for applicants wishes to make of record the additional documents listed on the enclosed form PTO-1449. Copies of the cited documents are enclosed for the Examiner's convenience.

Respectfully submitted,



Mitchell B. Wasson
Reg. 27,408

March 8, 2002

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Attorney's Docket: A-7200.SIDS/cat

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

ATTY DOCKET NO.
A-7200

SERIAL NO.
09/990,317

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2644

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A	5,742,927	04/21/1998	Crozier et al			
	B	5,768,473	06/16/1998	Eatwell et al			
	C	5,974,373	10/26/1999	Chan et al			
	D	6,032,114	02/29/2000	Chan			
	E	6,038,532	03/14/2000	Kane et al			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

			"Speech Enhancement Using a Minimum Mean-Square Error Short-Time Spectral Amplitude Estimator", Yariv Ephraim and David Malah, TRANSACTIONS ON ACOUSTICS, SPEECH, AND SIGNAL PROCESSING, Vol. ASSP-32, No. 6, December 1984, pp. 1109-1121
			"Tracking Speech-Presence Uncertainty to Improve Speech Enhancement in Non-Stationary Noise Environments", David Malah, Richard V. Cox, and Anthony J. Accardi, ICASSP 1999

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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[illegible][illegible]

"Estimation of Noise Spectrum and its Application to SNR-Estimation and Speech Enhancement", H. Gunter Hirsch; Technical Report TR-93-012, International Computer Science Institute, Berkeley, California, pp. 1-32

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.